

Title (en)

METHOD AND SYSTEM FOR PROVIDING HEARING ASSISTANCE TO A USER

Title (de)

VERFAHREN UND SYSTEM ZUR BEREITSTELLUNG EINER HÖRHILFE FÜR EINEN BENUTZER

Title (fr)

PROCÉDÉ ET SYSTÈME POUR FOURNIR À UN UTILISATEUR UNE AIDE AUDITIVE

Publication

EP 2617127 B1 20170111 (EN)

Application

EP 10752598 A 20100915

Priority

EP 2010063577 W 20100915

Abstract (en)

[origin: WO2010133703A2] The invention relates to a method for providing hearing assistance to a user, comprising: capturing input audio signals by a microphone arrangement (42); estimating a speech level of the input audio signals and an ambient noise level of the input audio signals; applying a gain model to the input audio signals in order to transform the input audio signals into filtered audio signals, wherein, for a each ambient noise level, the gain varies as a function of the speech level and wherein the function varies according the ambient noise level in such a manner that the ratio of the gain at low speech levels and at high speech levels changes as a function of the ambient noise level; transmitting the filtered audio signals by a transmission unit (10) via a wireless audio link (34) to a receiver unit (14, 36, 38) comprising or being connected to means (18, 26) for stimulating the hearing of a user, the stimulating means being worn at or in the user's ear; and stimulating the user's hearing by the stimulating means according to the audio signals supplied by the receiver unit.

IPC 8 full level

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CPC (source: EP US)

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Citation (opposition)

Opponent : Oticon A/S, Widex A/S, GN Hearing A/S

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DOCDB simple family (publication)

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